

Collection no. 156

Port Augusta

Key, Upton, Balderson

to Worsman

28. ix. - 23. x. 1968

28/9

[Plant specimens det. N.T. Burdidge]

6827. Mildura. Took Arumpo road.

+ *Callitris robusta*

6833. Flat with sparse *Welsh* / to

pale brown

25 ft on / sandy-loam with ? *Cassia*
Cratogeomys sp. 1, *Chortocetes terminifera*,
sp. abundant to 8 ft + Regrowth.

Capriata sp. 1 (j.), *Apotrochis vittata* (j.)

Ground layer of *Bassia* spp. +

Kochia spp. to 6 in + occ. *Kochia*

? *pyramidata* to 2 ft. Barley grass

+ succulents drying off, considerable

bare ground. Return.

6834. Mallee to 15 ft, rather open, on

Cratogeomys sp. 1, *Coryphistes ruficollis* (j.),

flat, sandy brown soil, occ. *Callitris*

Apotrochis 20 ft, *vittata*, *Tapesta carniipes*,

robusta / *Bassia* spp. + other chenopods

Uromyza guttulosa (j.), *Genus nov.* 95 ochracea,

in large patches to 9 in.; some

nymphs (indet.)

barley grass drying, + adrad crucifer

Psilocaulon aff. *parviflorum* (Jacq.) Sch.

to 1 ft. Specimen of a prominent

succulent.

~~6839~~ 6839 Mildura

29/9

2904. Port Augusta

2906.2 Port Augusta West P.O.

2910.9 Turned left for Mt. Zue.

2911.2 Gutter, with *Acacia victoriae*
Collitera variegata, *Caperrala* sp. 1, *Beplessia*
 to 8ft on red-brown desert loam,
 sp. 2, *Cratilopus* sp. 2, *Tapesta caniceps*, *T.* sp. 2,
 leading to higher ground with
Whiteoasis sp. P114.
 shrubby *Kochia sedifolia*, saltolaceous
Aizoon quadrifidum F. Muell.
 shrubs & an aizoaceous shrub (spec.),
 all to 2ft. Annual *Atriplex* & succulents
 forming ground cover, with medics
 dense along gutter & a very little
 low grass.

2921.0 ^{brown} Undulating/sandy loam, with
Caperrala sp. 1, *Collitera variegata*,
 patches of stone av. diam. 2 in,
 open *Umisicella rubropunctata* to 1 1/2 ft, *Umisia*
 bearing *Acacia* $\frac{1}{2}$ *soudernii* on ridge,
guttulosa, *Beplessia* sp. 2, *Maderolopholia* sp.,
 elsewhere *Kochia sedifolia* & other
Cupressa testacea, *Tapesta* sp. 2, *Achurimima*
 shrubby saltbush & bluebush to 2ft,
asimus
 with bladder saltbush & other
 ephemerals to 9 in in open formation
 with bare patches.

2923.3 Homestead SE. of Sugarloaf
 Hill

2923.5 Intersection. Took right fork.

2927.2 Top of low ridge. Very stony, ar.
Breplessia sp. 2, *Bufozamia* sp. 6, *Genus*
 diam. 2 in, on brown desert loam. Stones
 nov. 74 sp. 1, *Caparessa testacea*, *Caperrala* sp. 1,
 pale on top, where sparse belong to
Crafilopus sp. 2, *Achurimima asinus*
 10 ft. Dense *Atriplex vesicaria* + occ.

Kochia sedifolia to 1 ft. Annual
Atriplex + *Bassia* + other ephemerals
 to 6 in, patches of bare ground + stone.

2930.3. Nine Mile Bank.

2933.1. Intersection.

2938.2. Rise with red sandy soil, a few
Breplessia sp. 2, *Apotopis vittata*, *Caperrala*
 stony patches. Occ. mulga to 12 ft.

sp. 1, *C.* sp. 6, *Ephanta quadrilobus*, *Stropis*
 + a few ? *Cassia* sp. to 5 ft. *Atriplex*
maculosa (j.), *Qualetta maculata* (j.), *Genus*
vesicaria + *K. sedifolia* to 18 in.

nov. 95 ochracea, *Chor. borsetes* *herminifera*,
 abundant *Trichium* sp. to 9 in,
Coryphaster ruficola, *Tapesta* a soft. *carnipes*,
 considerable amount of *Aristida*
unisiella subrostrifata, *Whiteoasis* sp. P114,
 sp. to 6 in, some bare ground. Occ.
Achurimima asinus, *Paspalia* sp. 9.

Sida sp. with associated *Ephanta*.

2938.7. Junction with quadrupling
 road.

2940.3. Cariewerloo H.S.

2940.8 Rocky hills + the intervening

4
Coryphosiphia ruficoba, Apotrophia vittata,
saddle. Mallee + Troodia on hills,
sp. to 15 ft, Caperrala sp. 1, C. sp. 6, Urnisa
Myoporum, Eremophila spp. (2) to 6 ft,
guttulosa, Colitira variegata, Azelota
Acacia sp. + Cassia sp. occ. to 6 ft,
diversipes, Tapeeta carneipes, Urnisiella
K. sedifolia to 3 ft, Atriplex vesicaria
rubropunctata, Restaspia sp. (j.), Ephraura
to 2 ft, Rhagodia spp. to 18 in. + other
quadrifolius, Beplessia sp. 2, Cratilopus sp. 2,
shrubs, ground layer of Erodium sp.,
Microsa sp. 10, Pardillana sp. 11 (j.), Vandierneyella
Bassia sp. + other ephemerals. Red
sp. 45b, Achurimima asinus, Whitecacia sp. P114,
sandy soil. Proifera sp. P27/74.

2941.1 Took left fork.

2950.1 Wartaka H.S.

2951.5 Took right fork

2953.0 Long Dam

2954.9 Wartaka Reservoir

2956.9 Tank.

2958.3 Sister's Hill. Took right fork.

~~2959.0~~ 2959.0. Slope leading up to summit of
Keyaeris sp. P110a, Achurimima asinus,
Sister's Hill. Brown sandy soil with
Cratilopus sp. 2, Tapeeta carneipes, Qualletta
numerous smooth red stones increasing
maculata (j.), Bufopania crassa
in size + number upwards. Summit
to 8 ft.
with a spring Acacia + occ. mulga
Everywhere Atriplex vesicaria +

K. sedifolia, occ. *K. pyramidata*, all to 2ft, with occ. *Trichinurus* sp. & annual grasses to 9in.

2962.8. Woolshed Dam.

2967.0. Camped. Slope with red-brown *Achras* *asimns*, *Cratogeomys* sp. 2, *Qualeya* stony soil bearing liliac to 15ft *maculata*, *Bufo* *crassa* (?) (j.), *Cupressa* with *Atriplex* *vesicaria*, & *K. sedifolia* *lestacea* & *K. pyramidata* to 2ft, occ. low forbs & grasses, leading down to a smaller gutter with *Acacia* spp. to 6ft.

30/9.

2980.4 ~~2978.9~~. Point where Corunna-Siam road crosses vermin-proof fence east of Uno H.S.

2987.2 Siam H.S.

2989.6. Junction. Kept left.

2994.3 Gully leading up to a ridge of *Cosphistes* *ruricola*, *Beplessia* sp. 2, Micoello Hill. Red-brown sandy soil *Chortocites* *terminifera*, *Caperrala* sp. 1, *Apotropis* with variable amounts of stone. *littata*, *Cratogeomys* sp., *Pezomastix* *seriatus*, *Acacia* *sowdenii*, liliac & occ. *Mallee* *Umisia* *guttulosa*, *Goniaca* *austroalasciae* (j.).

Oualetta maculata (j.), *Genus*
 to 15 ft, *Kochia sedifolia* to 2 ft, *Atriplex*
 nov. 95 *ochryacea*, *Sephanthus quadrilobus* (j.),
vesicaria to 18 in, *Bassia* spp, annual
Stropis maculosa (j.), *Achurimima asinus*
Kochia sp., *Stipa* sp. + *Erodium* sp. all
Triodia towards summit
 to 9 in., lichens on stones + soil.

2998.3. Lord Kitchen's Dam.

3001.6. Nourning H.S.

3013.1. Turn-off to Kolendo Sta.

3014.0. Gentle slope to low hill, stony
Sephanthus quadrilobus, *Cratogeomys* sp. 2,
 in places, with *Acacia senegalensis* &
Achurimima asinus
 mulga to 15 ft, *A. tetragonophylla* &
A. sp. to 8 ft, rather open *Kochia*
sedifolia to 3 ft, dense *Stipa* sp. to
 10 in in flower, other shorter annual
 grasses.

3015.5. Yammahie Dam

017.6. Second turn-off to Kolendo.

019.2. Conflagration Dam

022.1. Boundary Dam

024.1. Turn off to left.

028.1. Turn off to right

032.5. Figs Dam

032.9. Turn-off to Mt. Zue HS.

033.4. Small rocky hill with *Acacia*
to 15ft, to 6ft,
anura, *A. tetragonophylla* a dense -
Achurimima asinus, *Keya* sp. P 110a, *Pyanostictus*
flowered *Eremophila* to 5ft, a few
seriatus, *Tapesta caniceps*, *Cratichneumon* sp. 2
other shrubs, leading down to lower
slopes & flat with well spaced
K. sedifolia & *Nitraria* sp. (?). Sparse
short annual grasses & forbs, much
lichen.

037.1. Turn-off to right.

038.0. Yardea Dam

039.8. Turn-off to Thurlga HS.

046.0 Turn-off to left.

049.7. Pandana Dam. Took left fork.

050.7. Flat on red sandy-loam with
Coryphistes ruficollis (j.), *Achurimima asinus*.
Acacia sowdenii to 15ft & *Kochia*

pyramidalis & ~~*Kochia*~~ *Atriplex*

vesicaria to 2ft leading up through

Heterodendron to 1/2 ft to mulga to 15

ft on steep rocky hill & ultimately

Triodia only towards summit.

056.7. Turn-off to Moanaree

059.0. Turn-off to left.

060.8. Fork to left

062.4. Cross-roads.

070.0 epardea H.S.

070.5. Took Heltaba fork.

071.2. 3/4 Turn-off to right.

074.5. Turned off road.

075.0. Stopped at foot of stony hill
Tepaya semicristata, *Apotropis vittata*, *Azelota*
 with helah to 20 ft. ~~near base~~ &
sp. 1, *Cratilopus sp. 2*, *Dualletta maculata* (j),
 scattered shrubs of *Dodonaea sp. 1*
Caperrala sp. 1, *Achurimima asinus*
 others to 4 ft. Various ephemeral forbs
 & grasses to 6 in sparse, lichen.

075.1 Back on road.

084.2. Turn-off to right

090.4 Progress Dam.

092.2 Camp. Dense patch of helah

Tepaya semicristata
 to 20 ft with occ. rosewood, & an
 adjacent belt of mallee to 20 ft,
 intervening treeless area with
Calocephalus sp. & *Shipa sp.* to 9 in.
 Brown soil, occ. gravel, flat.

1/10.

3092.2 Depart camp.

099.8. Turn-off to right.

103.4. Intersection 1 mi. SE. of Hilaba
H.S. Turned SSW.

104.3. Intersection & gate.

106.2 Rocky hill with *Triodia* sp. leading
Chortocites tenuifera
down to red-brown sandy-loam flat
patches of
with *Eulalia* to 25ft & rosewood to 15ft, &
& adjacent open *Dodonaea* sp. to 6ft,
Kochia sedifolia & *Nitraria* sp. to 2'6",
with *Stipa* sp. + annual grasses & forbs to
9in. & some bare ground.

112.0 Nasraby Tank.

112.9. Turn-off to right.

113.4. Collect. *Akhuirina asinus*?

121.2 Turn-off to right

126.8. Took right fork.

128.0. Took right fork.

130.5. Pale consolidated sand-hill with
Eremophila tristis (j.), *Petropia* sp. (j.), *Pardollana*
mallee to 15ft. Several different shrubs,
sp. 11 (j.), *Monistria discrepans*, *M. latevittata*,
including *Dodonaea* sp., *Eremophila* spp.,
Apotropis vittata, *Genus nov.* 95 ochracea,

Coryphistes varicola, *Prorifera* 10
 * *Scolecia* sp. to 4ft moderately spaced,
granulosa
Troodia tussocks well spaced, litter
 under mallee + patches bare ground.
Morabius associated with edges of
 mallee litter, especially where shrub
 were, but apparently not on the
 shrubs.

138.3⁴. Intersection at Wallala Hill

142.5. Cross-roads.

145.3 Turn-off to left.

145.8. Flat with pale sandy loam +
Prorifera sp. PIZtb, *Achninima asinus*, *Gnathos* not.
 massive concreted ~~coral~~ limestone.
 95 ochraceous, *Apotopis vittata*, *Pardillana*
 Mallee to 15ft with shrubs of
 sp. 11(j), *Goniata australasiae* (j), *Coryphistes*
 ? *Melaleuca* sp., *Tremophila* spp. + *Cassia*
varicola (j), *Chortocetes hemimifera*, *Typaya*
 sp. to 5ft well spaced. Considerable
semicristata
 bare ground, *Stipa* sp. to 10 in, occ.
 forbs, annual *Kochia* sp.

149.0 Turn-off to left.

149.9. Turn-off to left to Pinbaada.

152.0 Turn-off to left "

157.4. Turn-off to right.

157.6 Intersection. Took road to
Chimbingina.

161.4. Railway crossing.

166.3 Chimbingina

169.5. Jonico Eye Highway

182.0. Mallee to 15ft on slight rise with

pale brown soil. Scattered Melaleuca sp.

? *Seijera linearifolia*

to 10ft + shrubby ~~Melaleuca~~ to 4ft,

Typaya semicristata, *Uronia rugosa*, *Proserpinaca*
Olearia sp. to 2ft, *Eremophila* spp. to

sp. P1276

2ft. litter + some bare ground. Morabine
associated with *Olearia*, but mainly
on litter around it.

189.3 Merghum

189.8. Turn-off to Malter
ca.

199.0. Ceduna.

2/10

3202.3 Ceduna depart.

208.5. Took left fork.

211.6. Junction with road to Denial
Bay.

213.3 Moule

3216.2 Pale sandy loam with mallee

to 20ft, Myoporum sp. to 10ft, ~~Myoporum~~

Geijera linearifolia

~~shrubby Myoporum~~ to 6ft, a
Cratystylis conocephala (F. Muell.) S. Moore
 silvery shrub (spec.) to 3ft, *Atriplex*
Achras sp. P35, *Proziera* sp. P1276, *Conyza*
vesicaria to 18in., *Stipa* sp. to 1ft &
rupestris, *Urtica* *guttulosa*, *Genus* nov. 32 sp. 1,
 occ. forbs, some bare ground *Morabine*,
Typha *semicristata*, *Paspalum* sp. 3 (f.),
 cludes mallees, apparently associated
Apocropis *vitata*, *Monistria* *discrepans*
 with silvery shrub.

218.6 cross roads.

220.3 Cross road.

221.8 Five intersecting roads

224.8 Cross-roads.

226.1 Cross-roads.

228.1 Cross-roads

228.4 Dense mallee to 15ft, with
Melaleuca sp. to 5ft & occ. *Eucalyptus*
 spp. Much bare ground.

229.4 Cross roads

233.3 Turned left

234.5 Return.

235.8 = 233.3

3239.4 Cross roads

3240.1 Warababa. Took left fork.

3243.6 Joined Eyre Highway

253.2 Penong

260.1 Turn-off to homestead.

266.3 Small-angle intersection from right.

269.1 Manandilla wells.

275.2 Junction of Fowler's Bay road to left (Bookabee).

276.9 Patches of mallee to 15ft. with *Coryphostes variabilis* (j.), *Gonimacra* sp. 1, *Urosia*, *Melaleuca* sp. to 3ft + scattered *Bassia*, *Angianthus tomentosus* Wendl. & an annual forb (spec.), both to 6 in. *rugosa*, *Genus* nov. 95 dense, ochracea, *Qualeya* amongst uniform, *Stipa* sp. to 15 in. *maculata* (j.), *Chaetochloa tenuifera* (j.) with scattered forbs. Pale fine sandy *Apotropis vittata* (j.), *Austroicetes pusilla* (j.), loam, gentle slope to top of low rise. *Achyras* sp. P33. - Morabine associated with the specimen forb.

289.0 Tallala Tank

298.2 Pinbumba

299.9 Fowler's Bay turn-off.

3302.7 Boomerang roadhouse

304.0 Mundroo H.S.

306.2 Turn - off to left

314.9 Boundary, aboriginal reserve.

316.3 Patches of mallee to 20ft with
Eucalyptus linearifolia

occ. ~~*Myoporum* sp.~~ to 4ft, sparse *Bassia*
Typaya semicristata, *Gonocarpus australasica*,
sp. to 3in, much litter, separated by
Genus nov. 95 ochracea, *Profrax* spp.,
fairly dense *Stipa* sp. to 1ft, Pale
Achrostichum sp. P33.
fine sandy loam on flat.

317.6 Turned off to Colona H.S.

319.0 Colona H.S.

331.5 Gently undulating on pale
Genus nov. 95 ochracea, Genus nov. 32 sp. 1,
brown fine sandy loam with
Oenothera maculata (j.), *Typaya semicristata*,
Acacia sowdenii well spaced to
Genus nov. 41 sp. 1, *Beplessia* sp. 3, *Apobasis*
12 ft, scattered *Myoporum* to 10ft &
vittata, *Cratystylis conocephala*
regrowth, the pale grey bush of
Astragalus pusilla, Genus nov. 39 sp. 1, *Urtica*
earlier stops frequent to 2 ft, *Atriplex*
rugosa, *Achrostichum* sp. P33, *Profrax granulosa*,
vesicaria less so to 1ft, *Bassia* spp.
& occ. *Trichinium* sp. to 9in on barish
spots, which have abundant
lichen on the soil, with various

colours, the rest of the surface with dense *Shipa* sp. in flower to 1 ft. The two brachypterous spp. associated with bare licheniferous patches, the morabine with the *Cratystylis* grey lichen + *Mycoporum*.

3/10.

332.5. Tank.

334.8. Fence

337.1. Turn-off to left to Galata Mesa.

337.6. Monburn Tank.

344.2 Vermin-proof fence.

347.0 Tank.

347.4 Very open *Acacia* ^{to 2 ft} *sowdenii* ^{*Cratystylis conocephala*} with scattered grey lichen to 18 in, *Genus nov.* 32 sp. 1, *Achras* sp. P 33, *Shipa* sp. dense in flower, *Calocephalus morabine* indet. sp. + ? *Heliphorum* sp to 6 in frequent.

Very gently undulating pale fine sandy loam with underlying limestone.

Chart. Morabines on ^{*Cratystylis*} grey lichen.

350.8 Fixed sand dune of pale fine

sandy loam with *Acacia sowdenii*
Cratystylis conocephala
 to 10 ft & *Myoporum* to 10 ft, grey bushes to
Typaya semicristata, *Beplessia* sp. 3, 1 Genus
 18 in, *Atriplex vesicaria* + *Bassia* sp. to
 nov. 32 sp. 1, white-flowered *Paspalia* sp. 9,
 18 in, abundant / *Helipterum* sp. +
 Genus nov. 95 *Ochracea*, *Tapesta carneipes*,
 a small yellow composite to 9 in in
Profrera granulosa, *Achurimima* sp. P33
 dense patches.

354.7 Tank.

355.1. Boundary of heeless plain.

Achurimima sp. P33, Genus nov. 95.
 A few *A. sowdenii* to 12 ft on plain.
Ochracea, *Typaya semicristata*, Genus nov. 41.
 Pale brown fine sandy loam. *K. sedifolia*
 sp. 1, *Beplessia* sp. 3
 well spaced to 1 ft, *Stipa* sp. in flower,
Bassia sp. & *Rhagodia* sp. under the
 trees, abundant *Helipterum* sp. &
Calocephalus sp. Bare patches with
 mixed lichens.

360.4 Moondrah Tank.

368.0 Sandhill (consolidated) with
Macroplopholia spp. (2), *Beplessia* sp. 3, Genus
 well spaced *A. sowdenii* to 15 ft &
 nov. 40 sp. 1, Genus nov. 32 sp. 1, *Achurimima*
 occ. *A. sp.* to 6 ft. *K. sedifolia*
 sp. P33

abundant to 18 in., with *K. sp.* to 18 in,
Stipa sp. rather sparse, abundant

Hipterum sp. (white) to 9 in, *Rhagodia*
sp. under trees.

370.8 Crossing of Zfand Lake.

Macrolopholia sp., *Coryphistes ruficola*,
Pale sand dunes bordering lake,
Chortocetes tenuifera, *Utricularia guttulosa*,
leading to stony limestone rise with
Beplessia sp. 3, *Oxalella maculata*, genus
lichen. A few *A. sowdenii*, shrubs
nov. 40 sp. 1, *Tapesta carneipes*, genus nov. 41
of *Acacia* sp. to 6 ft & regrowth, *Atriplex*
sp. 1, *Utricularia rubropunctata*, *Achyrumma*
~~*venusta*~~, *vesicaria*, *Kochia*
sp. P33.

Sedifolia & *K. sp.*, other chenopods,
scattered *Stipa* sp.

374.1 Pidinga Tank.

381.5 Flat on brown fine sandy loam
Caperala sp. 6, *Beplessia* sp. 3, genus nov.
with *A. sowdenii* to 15 ft & *Heberodendron*
40 sp. 1, *Tapesta carneipes*,
to 8 ft in open stand. *K. sedifolia*

to 18 in abundant, *K. spp.* to 1 ft,

Bassia patentiuspis Anderson
Bassia sp. (var. *spec.*: marbled

"*Beplessia*" on this), *Rhagodia* sp.

under trees, occ: *A. vesicaria*.

383.0 Crossed creek leading into
salt lake to right.

385.2 Disused tank.

3392.0 Flat plain with very occ.

Bufoaria carpa, *Bupleurium* sp. 3, *Cappadocia*
Pittosporum phyllipoides, *Flindersia*
 sp. 6, *Genus* nov. 32 sp. 1, *Tapeeta canripes*,
maulosa, + *Acacia letragonophylla*,
macrolopholia sp. (j.), *Pycnostictus seriatus*,
 Brown soil with bare patches bearing
Qualetha maculata (j.), *Austroicetes pusilla*,
 limestone pebbles. *Bassia* & *Rodhia*
A. nullarborensis

sp. to 9 in.; dead conifer to 18 in, ~~hop~~
~~to~~ wild hop to 18 in in patches.

Austroicetes pusilla + *A. nullarborensis*
 annual
 in depression bearing grass to 2 in +
Bassia spp. to 4 in.

396.0 Tanks.

403.8 Gently undulating red sand
Unigagattulosa, *Bupleurium* sp. 3, *Genus*
 with limestone pebbles. *Acacia*
 nov. 95 *ochroacca*, *Complanatus runcicola*
letragonophylla, *A. sp.*, *Cassia* spp.,

+ *Flindersia maulosa* in slight
 depression. Dead conifer to 1 ft, wild
 hop & other (dead) ephemerals.

411.0 Olden.

412.0. Between sandhills along track
 running ESE of Olden. Belah, mallee,
 mulga to 20 ft on sandhills, with

Dodonaea sp., *Eremophila* spp.,
Goniaca opomaloidea, *G. australasica*,
Mycoporum sp., *Cassia* sp., & *Acacia*
Beplessia sp. 3, *Prozifera* sp., *Corymbistes*
 sp. all to 7ft & regrowth. *Olearia* sp. to
 18in, *Euphorbia quadrilobus*, *Arnisia*
guttulosa, *Achurimima* sp. P33
 (white) abundant, *Bassia* sp. on
 flat, dead crucifer to 18in. Morabine
 on litter under eucalypt, near
Dodonaea sp. ~~Return~~.

4/10.

3413.5 *Doldia*

3414.3 Undulating plain N of town.
 to 6ft.

Heterodendron / *Cassia* spp., *Eremophila*
 ? *Geijera linearifolia*
 sp., *Mycoporum* sp. to 3ft. on red-
Beplessia sp. 3, *Apotropis vittata*, *Macrolopholia*
 brown sandy loam with concretionary
 sp. (j), *Strapiz maculosa* (j), *Arnisia guttulosa*,
 limestone. White *Helipterum* &
Euphorbia quadrilobus, *Corymbistes musicola*.
 abundant *Sida* sp. Return.

314.8 *Doldia*

431.5 Slight depression on barless
Beplessia sp. 3, Genus nov. 32 sp. 1,
 plain, pale brown soil with abundant
Macrolopholia sp. (j), *Euphorbia quadrilobus*,
 limestone concretions. Patch of
Apotropis vittata, *Chorizanthe terminifera*,
Pitheosporum phyllisoides with *Stipa*
Austroicetes pusilla, Genus nov. 40 sp. 1,

sp. + a 3ft suberaceous plant, Ground
Tapesta carniipes
 cover of dead "ward's weed" + *Bassia*

sp. to 9 in.

434.5 Watson

444.8 Treeless flat plain with pale
 flat brown soil + limestone exposures +
Bupleissia sp. 3, Genus nov. 40 sp. 1, Genus nov. 32
 stones. *Atriplex vesicaria* to 1ft fairly
 sp. 1, Genus nov. 41 sp. 1, *Tapesta carniipes*
 dense, with Ward's weed + *Bassia*
 + another forb, mainly dead, sparse
 sp. to 6 in leading to a patch of *Stipa*
 sp. with white *Hesperanthes* to 9 in.

453.6 522 Mile Camp

460.2 Treeless plain with pale brown
Tapesta carniipes, *Austroicetes mullarborensis*,
 soil + limestone rocks + stones. *A.*
Apotropis vittata, *Macrolopholia* sp., Genus
vesicaria to 1ft in patches, with
 nov. 40 sp. 1 to 9 in.
 dead *Bassia* sp. + a succulent forb to
 3 in, scattered grass.

467.5 Fisher

476.0 Treeless plain with pale brown
Bupleissia sp. 3, Genus nov. 41 sp. 1, Genus
 soil + a little limestone stones.
 nov. 40 sp. 1, Genus nov. 32 sp. 1, *Austroicetes*
A. vesicaria in patches with Ward's
mullarborensis, *A. pusilla*, *Tapesta*
 weed + sparse *Stipa*, patches have
carniipes, *Achyrinema* sp. P33.

ground with lichen. The new
Beplessia has been on *A. vesicaria*
 from Doldea onwards.

Pycnostictus seriatus,
 3491.4 Camp. Treeless plain with
Beplessia sp. 3, Genus nov. 40 sp. 1, Genus nov.
 brown soil almost free from rocks &
 32 sp. 1, *Austroicetes pusilla*, *A. mullarborensis*,
 stones. *A. vesicaria* to 1 ft, mostly
Tapesta carneipes, *Utrisa guttulosa*,
 dense, with Ward's weed to 8 in & a
Coryphistes runicola, *Charoicetes terminifera*
 succulent forb to 4 in, sparse ~~grass~~
 NB. no *Beplessia* to light.
Stipa sp. Innumerable *Coryphistes* to light.

5/10.

3501.1 Cook.

3505.0 Treeless plain with soil as
Tapesta carneipes, *Apotrapis vittata*, Genus
 above, patches of bare ground with
 nov. 32 sp. 1, Genus nov. 40 sp. 1, *Beplessia*
 abundant lichen. *A. vesicaria* &
 sp. 3
 occ. *K. sedifolia* dense to 18 in, low
 succulent forb to 3 in, sparse *Stipa*
 sp.

515.8 Took left fork.

516.2 Trig. point (392 ft)

520.9 Treeless plain with mainly
 Genus nov. 41 sp. 1, Genus nov. 32 sp. 1,
Stipa sp. to 10 in. Bare patches with
Austroicetes pusilla, *A. mullarborensis*,

lichens, small patches of *A. vesicaria*
 Genus nov. 40 sp. 1, *Tapesta carneipes*,
 to 18 in & a tall grass, patches of 4-in.
Achillea sp. P 33
 succulent forbs.

522.0 Trig. point.

531.6 Trellis plain with *A. vesicaria*
 Genus nov. 41 sp. 1, Genus nov. green 32 sp. 1,
 to 1 ft, *K. sedifolia* to 18 in, *Samolus*
 Genus nov. 40 sp. 1, *Austrocyathus nullarborensis*,
 to 1 ft, patches of *Stipa* to 18 in, base
Replasia sp. 3, *Tapesta carneipes*, *Urtica*
 patches with abundant lichen,
guttulosa
Bassia spp. & various annual
 forbs to 6 in. Soil as before, scattered
 limestone stones.

537.2 Intersection

545.8. Undulating treeless plain, with
 to 30 in. Genus nov. 41 sp. 1, Genus
K. sedifolia / ? *Danthonia* sp. to 6 in
 nov. 40 sp. 1, Genus nov. 32 sp. 1, *Chortocetes*
 on rise, leading to *A. vesicaria* to
terminifera, green *Pycnostictus striatus*,
 8 ft & finally *Samolus* in slight
Urtica guttulosa
 depression. Extensive bare ground
 with abundant lichen. *Replasia* seen.
 (Jack got "SFA" here)

555.0 Vermis-proof fence

557.5. Treeless plain with soil as

alone. *A. vesicaria* + *K. sedifolia*
 Genus nov. 40 sp. 1, Genus nov. 41 sp. 1
 to 18 in, with samphire to 1 ft. Abundant
Danthonia sp. to 9 in + occ. *Stipa* sp.

3571.7 Mullarbor H.S.

3572.5 Type Highway

3581.6 Widely scattered *A. zowdenii*
 Genus nov. 41 sp. 1, Genus nov. 32 sp. 1,

on flat, pale brown soil with mainly
Tapesta carneipes (f.), *Tepaya semicristata*,
Stipa sp. + *Danthonia* sp., patches
Achurimma sp. P33
 of *K. sedifolia*, *A. vesicaria*, samphire,
 + *Viburnum* sp. Patches have ground
 with lichens. *Rhagodia* under trees.

3594.5 Turned off to left.

3595.2 Camp site (see over)

6/10.

3595.7 Back on highway.

598.0 Wiganda Tank & ulmin-proof
 fence.

610.1 Cundalabbie Tank

619.1 Flat plain with pale fine sandy
 loam. *A. zowdenii* to 15 ft open, with
Cratystylis concuphala Genus nov. 39 sp. 1,
 grey wash from previous stops to 3 ft.
Keyaeria sp. P110a, *Achurimma* sp. P33

Beflessia sp. 3, *Typaya semicristata*,
A. vesicaria to 18 in, occ. *K. scdifolia*,
Uriza guttulosa, *Gummos nov. 41* sp. 1, *Gummos nov.*
 other *Kochias* & *Dassia* sp., much
 32 sp. 1, *Austroicetes pusilla*, *A. nullarborensis*,
Stipa sp. & *Danthonia* sp., patches bare
Pycnostictus sp. 2, *Gummos nov. 95* ochracea
 ground with lichens.

623.4 Manganahie Tank.

631.0 Guinewarra Tank.

635.4 Turn-off to Keonalda.

637.3 *A. rowdenii* to 15 ft open,
Coryphistes turicola, *Gummos nov. 32* sp. 1,
 with occ. *Atriplex nummularia* to
Pycnostictus sp. 2, *Achrocinia* sp. P33
 5 ft. *A. vesicaria* in patches around
 trees, very dense *Stipa* sp. elsewhere,
 occ. bare patches with lichens.

638.7 Fines

to 3 ft

651.6 *K. scdifolia* + *A. vesicaria* to 18 in
Beflessia sp. 3, *Gummos nov. 41* sp. 1, *Gummos nov.*
 on pale brown soil on flat, with
 32 sp. 1, *Pycnostictus* sp. 2, *Uriza guttulosa*,
Stipa sp. & *Danthonia* sp. & bare
Gummos nov. 40 sp. 1, *Gummos nov. 95* ochracea,
 ground with lichens, fringed by sparse
Austroicetes pusilla, *Gummos nov. 39* sp. 1,
A. rowdenii to 12 ft. Some green
Achrocinia sp. P33
 sump pine to 1 ft.

656.0 *A. rowdenii* & *Melaleuca* sp. to
 15 ft. open on slightly undulating

plain with *Abies nummularia* to
Beplessia sp. 3, *Coryphistes* *Cratystylis conocephala*
 5 ft, *A. vesicaria* to 1 ft, grey bush to
ruvicola, *Typura semicristata*, Genus nov. 41
 3 ft, abundant *Shipa* + *Danthonia*,
 sp. 1, Genus nov. 39 sp. 1
 another grass to 18 in. Soil as before.

661.3 Campfire Tank

666.3. Gently undulating on same
Pycnostictus sp. 2, *Apotropis vittata*
 soil. *A. soudensis*, *Melaleuca* sp. +
platycarpum
Myoporum ? ~~*duttonii*~~ to 15 ft, mallee to
 to 7 ft,
 8 ft, with *Abies nummularia*, *A.*
 to 18 in, to 3 ft,
vesicaria / grey bush / *Olearia* sp. to 18 in,
Cratystylis
Eremophila sp. to 1 ft, *Shipa* sp. dense
 between shrubs.

667.4. Bunahie Tank.

Bunahie Blowhole.

672.7 / Flat with same soil. Mallee
Apotropis vittata, *Beplessia*, *Cratystylis* sp. 3,
 + *Melaleuca* sp. to 8 ft, with grey bush
 Genus nov. 32 sp. 1, to same, *Crosticetes*
 to 2 ft, ? *Myoporum* sp. *Eremophila* sp.
terminifera, *Coryphistes* *ruvicola*, *Monistria*
 to 1 ft, *Olearia* sp. to 2 ft, scattered
 discrepans, *Pycnostictus* sp. 2, *Austroicetes*
Shipa sp., bare ground with *Lebens*,
pubilla ?, *Urnisa* *rugosa*, Genus nov. 39 sp. 1,
A. vesicaria to 1 ft. *Morabines*
 Genus nov. 95 *ochracea*, *Cyphotheca* *Cratystylis*
 apparently associated with grey bush,
 sp., *Kyacris* sp. *Pilosa*, *Proxifera* *spanner* (G.)
 ? *Myoporum* + *Eremophila*.

682.0 Isden Mile Tank

683.5 At last stop, but a different
Prorifera spumosa *Cratystylis*
Eremophila sp. + no grey bush. Shrubs
 dense.

689.7 W. A. border.

697.0 Eucla Amber Motel

7/10.

697.0 Mallee + *Melaleuca* sp. to 15 ft
Eremophila, *Weldia* F. Muell. *discrepans*
 with grey bush, *Eremophila* sp. (spec.),
Zygophyllum *Willardii* DC. *Pardillana*
 + a succulent shrub (spec.) on
 sp. 11, *Bupleurium* sp. 3, *Gonioma* *australasica*, *Uromisa*
guttulosa, *U. rugosa*, *Corymbites* *varicosa*,
 adjacent to Motel. Morabines around
Prorifera spumosa, *Gonioma* sp. 1.
 + on shrubs where adjacent to litter
 of euc.

711.4 Plain below escarpment on
Uromisa *guttulosa*, *Bupleurium* sp. 3, *Gonioma* nov. 41
 Pale fine sandy loam soil. *A. sowdenii*
 sp. 1, *Paspalum* sp. 10, *Geigeria linearifolia*
 + *Melaleuca* sp. to 12 ft, with *Agrostis*
Pycnostachya sp. 2, *Austroicetes* *parvula*, *Typha*
 spp. to 4 ft, *Utricularia* *ochroleuca* to 3 ft,
schizocristata, *Cratystylis* *conoccephala*
A. vesicaria to 1 ft, occ. grey bush,
Gonioma nov. 95 *ochracea*, *Prorifera spumosa*
Stipa sp. to 1 ft, some bare ground with
 a little lichen. Morabine associated

with ~~Myoporum~~ ? Geijera.

715.0 Slight bend (marked "30")

724.3 Turn-off to left.

727.3 Lower slopes of scarp. Pale fine
Coryphistes ruficollis, Typhaya semicristata,
sandy loam. Mallee + Melaleuca sp.
Beplessia sp. 3, Genus nov. 32 sp. 1, Apotopis
to 15ft; occ. A. Dowdennii to 10ft, occ.
vittata, Urtica rugosa, Geijera linearifolia
Myoporum sp. to 10ft, ~~Myoporum sp.~~ to
Cratystylis conocephala Pycnostictus sp. 2,
6ft, grey bush to 4ft, scattered
Genus nov. 95 ochracea, Kuyacris sp. P110a,
A. vesicaria to 18in, Urtica schoberi
Barua sp. P180
at bottom to 4ft, Stipa sp. + Danthonia
sp. to 1ft. The P180 associates with
grass.

731.0 Road bends slightly to right east
of Yakcooga R.H.

740.3 Intersection leading to Kuthala
Pass.

Genus nov. 41 sp. 1, Macrolopholia sp. (J.), Apotopis
746.2 Mallee to 15ft, Melaleuca sp. +
vittata, Typhaya semicristata, Urtica
A. Dowdennii to 12ft, Urtica schoberi
rugosa, Pycnostictus sp. 2, Genus nov. 32 sp. 1,
to 3ft, A. vesicaria to 18in, occ.
Gomidia australasica, Beplessia sp. 3,
? Myoporum sp. to 18in. Much bare
Coryphistes ruficollis.
ground with lichens, a little Stipa

sp.

747.8 Fence.751.7 Fence.758.1 Fence762.8 Turn-off to Mundrabilla HS.

764.6 A. ^{platycarpum} ~~zowdenii~~ + occ. Myoporum ~~sp.~~
 Beplessia sp. 3, Gumbo nov. 32 sp. 1,
 to 15ft, with occ. A. nummularia to 5ft,
 Apotaxis vittata
 Hibiscus schobertii to 3ft, K. sedifolia +
 A. uencaria to 2ft, Zygophyllum (?) sp.
 to 6in, Stipa sp. patchy to 1ft, Bassia
 sp. + Kochia sp. to 9in, much bare
 ground with lichen, occ. samphire
 to 1ft.

767.9 Fence783.1 Slight bend to right.

784.0 Flat, soil as before. A. ~~zowdenii~~ ^{platycarpum}
 + occ. Myoporum ~~sp.~~ ^{Cratystylis conocephala} to 15ft sparse,
 with K. sedifolia + grey bush. In to
 Beplessia sp. 3, Typhala semigrisata, Gumbo
 2ft, ? Myoporum sp. + Olearia sp. to
 nov. 32 sp. 1, Gumbo nov. 41 sp. 1
 18in, Bassia sp., Stipa sp.

797.4 Moondini Bluff. A steep, rocky.

Portion of scarp, with mallee *Melaleuca*
 sp. to 15 ft, occ. *A. nummularia*, *A.*
Cratystylis conocephala
vescaria, v. occ. grey lush, at top
 + *Nyoporum* sp.
Eremophila spp. to 18 in, with a
Pycnostictus sp. 2, Genus nov. 95 ochracea,
 ? labiate to same height. *Stipa* sp.
Goniaca australasica, G. sp. 1, *Kyacris* sp. 110 a,
 in a narrow zone below summit.

812.7. Madura.

8/10.

814.5. Madura depart.

814.6. Mallee to 20 ft on rocky scarp.
Charoicetes terniifera, *Urnisa rugosa*
 with *Melaleuca* sp. to 10 ft, occ. *A.*

nummularia, *A. vescaria*, *Stipa* sp.,
 + low forbs.

824.9 Mallee to 20 ft on slight rise with
Urnisa rugosa, *U. guttulosa*, Genus nov. 95
 bare ground + sparse *Stipa* sp., leading
 ochracea, *Goniaca australasica*, Genus nov.
 to *A. sowdenii* to 10 ft with *A. vescaria*
 41 sp. 1, *Achuriminea* sp. P33

+ occ. *A. nummularia*, patches of
Basia sp. to 4 in. Pale brown fine
 sandy loam with some stones.

834.5. Mallee to 25 ft with fringing
A. sowdenii to 10 ft on slight rise.

Pycnostictus sp. 2, *Urmoa guttulosa*,
 Variety of shrubs to 2 ft, including
Pardillana sp. 11, Genus nov. 46 sp. 1, *Schus*
Eremophila spp. (3 or 4), *Mycoporum* sp.,
 nov. 32 sp. 1, *Cratystylis conocephala*
Olearia sp. on rise; gray-bush, *A.*
monistria discrepans, Genus nov. 41 sp. 1,
vescana, *K. sedifolia*, occ. *A. nummularia*
Coryphistis micola, *Beplessia* sp. 3, *Tipaya*
laria, with *Stipa* sp. between, on
semicristata, *Apotopis vittata*, *Kuyaeris* sp. P100
leues rounded. Much bare ground
Barua sp. P180.
 with lichens on rise. *Coryphistoid*
 genus on bare ground with sparse
 litter under trees.

842.2. Mile-post: Cocklebrddy 29 miles

843.6. Turn-off to Moonea to right.

845.1 Essentially as last stop.

858.9. Slightly depressed flat with
 Genus nov. 40 sp. 1, *Tipaya semicristata*,
A. vescana, *K. sedifolia*, *Stipa* sp. ∇
Apotopis vittata, *Achurimima* sp. P33
Barua sp., W. occ. *A. nummularia*.

Soil as before, without stones. Some
 narrow patches with lichen.

Urmoa rugosa, *U. guttulosa*, *Pycnostictus*
 868.9. Low rise with mallee to 15 ft.
 sp. 2, Genus nov. 41 sp. 1, *Tipaya semicristata*,
 Bare ground under trees, elsewhere
Sonaea australasica, *Coryphistis micola*,
Stipa sp. + patches of *A. vescaria* to 1 ft.
Beplessia sp. 3, Genus nov. 32 sp. 1, Genus nov. 95
Pycno. serratus.
Ochracea, *Achurimima* sp. P33

871.2 Cocklebiddy

881.2 Flat, almost treeless plain with
Mairela pappalia sp., *Genus nov.* 46 sp. 1,
 brown soil & a few stones. *K. sedifolia*,
Urtica - to 18 in, *guttulosa*, *Genus nov.*
A. vesicaria / & *Stipa* sp. ~~at~~ to 10 in,
 32 sp. 1, *Genus nov.* 39 sp. 1, *Achyrumina* sp. P33
 scattered *Bassia* sp. Bare ground,
 sometimes with lichen. Occ. *Triflora*
schoberi.

890.2 Arakiddy H.S.

Urtica guttulosa, *Pycnostichus seriatius*,
893.5 Treeless flat with *K. sedifolia* to
Genus nov. 41 sp. 1, *Achyrumina* sp. P33
 18 in, *A. vesicaria* to 1 ft, *Stipa* sp. &

Danthonia sp., much bare ground.
901.1 Camp. See notes for notes.

9/10.

909.1 Small patch of mainly dead
 to 7 ft

A. aneura / surrounded by treeless
Urtica guttulosa, *Genus nov.* 32 sp. 1, *Achyrumina*
 plain with *K. sedifolia* to 18 in, Occ.
 sp. P33

Triflora schoberi to same, *Stipa* sp. &

Danthonia sp. to 10 in, patches of
Bassia sp. to 5 in, bare patches with
 lichen, scattered stones & limestone
 exposures. Chert.

Myoporum platycarpum (copied)
921.9. Sparse ? *Myoporum deserti* to 15 ft.

A. tetragonophylla + *A. sp.* to 8ft., on
 Genus nov. 32 sp. 1, *Pycnostichus seriatius*,
 pebbly rise with *K. sedifolia* to 18in,
Agrostis vittata, Genus nov. 95 ochracea,
Stipa sp. + *Danthonia sp.*, leading to
Chortocetes terminifera, *Sephantus*
 a shallow depression with a taller
quadrilobus, *Achyras minima sp. P33*
Stipa sp. to 2ft. Bare ground with
 some lichen.

Genus nov. 40 sp. 1 (j.), *Buforania sp. 6*,
 931.9. Brown soil with stones & rocks,
Beplessia sp. 3, *Chortocetes terminifera*,
 on flat plain. *K. sedifolia* to 18in, occ.
Typaya semicristata, *Urtica guttulosa* (3),
A. vesicaria to 1ft. Abundant *Stipa sp.*
Pycnostichus seriatius, Genus nov. 32 sp. 1,
 + *Danthonia sp.* to 1ft, bare patches
 Genus nov. 41 sp. 1, *Austroicetes nullarborensis*
 with some lichen.

934.6. Boundary fence, Rawluma Sta.

942.0 Fence.

943.2. Flat plain with small clumps
Austroicetes pusilla, *Tapesta carniifera*,
 of *Heterodendron* to 8ft & other small
 Genus nov. 32 sp. 1, Genus nov. 41 sp. 1,
 trees. *Stipa spp.* + *Danthonia sp.* to
Chortocetes terminifera, *Typaya semicristata*,
 1ft, with patches of *Helipterum*, *Sida*
Achyras minima sp. P33
sp. & patches of bare ground. Brown sandy
 loam, occ. patches of rocks.

944.7 Fence

950.6 Flat plain with red-brown sandy

loam. Belah, ~~Nysson~~ ~~deserti~~, melga,
Choroicetes tenuifera, *Typaya semicristata*,
A. tetragonophylla & *Heterodendron* to ca. 10 ft.
Beplessia sp. 3, *Macrolophobia* sp. (j), *Dualitta*
Danthonia sp. to 10 in, *Shipa* sp. occ. to
maculata, *Genus* nov. 32 sp. 11, *Pycnostictus*
1 ft, *Aristida* with long awns to 6 in.
seriatus, *Austroicetes pusilla*?, *Tapscata*
barren patches with *Bassia* spp. &
caruipes, *Achurimima* sp. P 33
forbs to 4 in, scattered pebbles & stones.

952.5. Fence

959.5. Fence

960.0 Intersection.

961.2 Fence

962.4 *Rawluma*

963.8 Fence = 961.2

969.0 ~~as~~ Fence

969.8 *Rawluma* H.S.

970.4. Fence.

972.6. Tool right fork.

Typaya semicristata, *Umisia guttulosa*,

974.0. Almost heeler's plain with

Genus nov. 32 sp. 1, *Genus* nov. 41 sp. 1,

spaced *K. scdifolia*, *Danthonia* sp. &

Pycnostictus seriatus, *Austroicetes pusilla*,

some *Shipa* sp., thinning to bare patches.

Macrolophobia sp. (j), *Genus* nov. 40 sp. 1 (j),

Red-brown loam. *Tapscata caruipes*,

Achurimima sp. P 33

977.9. Fence (into "Skyline")

981.9. Fence (into "Kwinana")

984.4. Gently undulating, red-brown
clay soil, 32 sp. 1, *Typha semicostata*,
soil, with some stones. An *acacia*
Opalifera maculata, *Pycnostichus seriatu*,
to 6ft well spaced, with occ. *A. tetragynophylla*,
Austroicetes nullarborensis, *Achyrionia*
well-spaced *K. sedifolia* to 2ft, much
sp. P33, *Peplissia* sp. 3
grass of *Danthonia* sp. & *Stipa* sp. to
1ft, with another *Stipa* to 2ft in
lower lying area.

987.5. Fence:

990.8. Camp site adjacent to a
depression in slightly undulating
Euphorbia quadrilobus
country with brown sandy loam
soil. *Acacia* sp. to 6ft well spaced,
with dense *Danthonia* sp. &
Stipa spp. to 18in, occ. bareish
spaces on higher ground, *Eragrostis*
setifolia in depression

10/8.

994.8. Fence (out of "Supplement"?)

995.1 Slight rise with fairly dense

Genus nov. 32 sp. 1, *Pycnostictus virgatus*,
 but mainly dead *Acacia* sp. to 6 ft, with
Unisa guttulosa, *Tapesta carneipes*,
Stipa sp. & *Danthonia* sp. Eaten sure
Austroicetes mullarborensis ? (j.), Genus nov. 95
 rabbit worn, almost bare, with
ochracea, *Achurminima* sp. P33
 spaced *Sida* sp., occupying much of the
 area.

4001.4 Fork to left.

4003.0 Fork to left (marked on map)

4003.4 *Heterodendron* to 12 ft &
platycarpum *Peplisia* sp. 3.
Myoporum deserti to 2 ft on slight
Unisa guttulosa, Genus nov. 95 *ochracea*
 rise with red-brown sandy loam.

K. sedifolia abundant to 2 ft, *Stipa*
 sp. to 18 in, patches *Bassia* sp. to 9 in.

Pycno. serratus.

4003.7 New fence into "Sunset".
Resputia sp. 10, *Tetragyna semieristata*,

4009.9 Belah, *Acacia sowdenii*,
Austroicetes mullarborensis, *Apotropis vittata*,
Heterodendron all to 15 ft fairly dense,
 Genus *Cratystylis conocephala* nov. 95 *ochracea*,
 with grey bush to 4 ft, *K. sedifolia* to
 Genus nov. 6 sp. 2 (j.), *Pycnostictus serratus*,
 3 ft, *A. vesicaria* to 1 ft, occ, *A. nummularia*
 Genus nov. 40 sp. 1 (j.), *Unisa guttulosa*,
 to 6 ft, scattered *Stipa* sp., much bare
Quadrifida maculata, *Coryphistes variegata*, *Peplisia*
 ground, some pebbles. sp. 3

012.2 Fence into Distaff. Road loop.
 to bore

4013.7. Turn round at Cove.

4015.1 = 012.2 ~~Took left~~ Continued on
main road.

020.0. Fence ~~into~~ out of Distaff

023.0. Took right fork.

023.5. Fence.

029.2 Small patch of *A. sowdenii* to
Chorizanthe *terminifera*, *Pycnostictus*
10ft in open plain with *K. sedifolia*
seriatus, *Achyrumina* sp. P33
to 1ft & *Danthonia* sp. & *Stipa* sp. to
1ft. Some bare ground with lichens.

040.0 Rise with *A. sowdenii* to 12ft,

K. sedifolia to 2ft, *A. vesicaria* to
Chorizanthe *terminifera*, *Geranium* nov. 32 sp. 1,
1ft, *A. nummularia* to 4ft, *Stipa* sp.
Taraxacum *officinale*
& *Danthonia* sp. to 1ft, leading down

to a flat-bottomed depression with
A. vesicaria & occ. *K. sedifolia* &
sparse grasses. Chor.

046.1. Boundary fence of Rawluma
Sta.

047.8 Intersection & bank.

051.2. Low rise with brown fine sandy

Genus nov. 40 sp. 1, *Apobrotis vittata*,
 loam. *A. sordidum* to 15ft, occ. *Myoporum*
platycarpum *Qualitella maculata*, *Pycnostichus*
~~deserti~~ to 20ft, *K. sedifolia* + occ.
seriatus, Genus nov. 95 ochracea, Genus nov. 41
A. vesicaria to 2ft, *Stipa* sp. to 1ft,
 sp. 1, *Beplessia* sp. 3, *Typhaya semicristata*
 bare patches with some lichen. *Beplessia*
 sp. in *A. vesicaria*.

052.0. Road in from left. right.

055.4 Double Tank.

059.2 Fence

063.2. Slight rise with *A. sordidum* to
platycarpum
 15ft, occ. *Myoporum* ~~deserti~~ to same,
Coryphistes puricola, *Chytocites terminipra*,
 many dead, *K. sedifolia* to 2ft, occ.
Typhaya semicristata, *Urnisa guttulosa*,
A. vesicaria, some *Stipa* sp., some
 Genus nov. 32 sp. 1, *Achirochima* sp. P33,
Helipterum sp. to 5m. Bare ground
Pycnostichus seriatus, *Austrocytes* sp. (j.)
 patches with some lichen.

9.1
 065.9. Enu Point. ~~See road in from~~
~~right. Turned left.~~

Pycnostichus seriatus, P. sp. 2, *Austrocytes*

069.5. Space mallee to 30ft, w occ.
platycarpum nullarborensis,
Myoporum ~~deserti~~ to 15ft, *K. sedifolia*
A. arida (?) (j.), *Cratystylis conocephala*
 abundant to 2ft, grey. bush occ. to
A. pusilla (j.), occ. *Urnisa guttulosa*, *Beplessia*
 3ft, *A. vesicaria* to 1ft, *Stipa* sp. abundant
 sp. 3, *Sonchaea australasica*, *Pardillana* sp. 11,
Helipterum sp. abundant, bare ground
Coryphistes puricola, Genus nov. 6 sp. 2 (j.), *Typhaya*
semicristata, *Qualitella maculata*, Genus nov.

& little under trees. *Apotropis vittata*.

073.0. Fork ^{N. of} ~~at~~ ^{l.} Goodfellow's Tank. Took right hand track.

074.7 Fence. Turned left down it.

084.0 ^{Camp.} Mallee to 40ft on low ridge with *Beplessia* sp. 3, *Apotropis vittata*. *Coryphostes ruficollis* dense to 10ft occ, dense *K. sedifolia* & *A. vesicaria*, occ. *Mitrasia* sp., much bare ground with some lichen, a little *Shipa* sp. Return.

11/10

092.6 = 074.7.

103.8. Spring Camp Dam.

106.5 Flat plain with pale brown soil. Genus nov. 32 sp. 1, *Chortoichis terminifera*, Patches of *A. serotina* to 10ft, with *Cratystylis conocephala* *K. sedifolia*, grey bush & *A. vesicaria* *Beplessia* sp. 3 all to 2ft., with *Shipa* spp., much bare ground with some lichen.

107.3. Fork to right.

119.3. Short steep ridge with pale brown soil with some stones. *Mallee* sp. (j.), *Chortoichis* ~~sp.~~ *platycarpum* *Apas* to 30ft, *Myoporum* ~~desert~~ to 20ft, *terminifera*, Genus nov. 32 sp. 1, Genus nov. 95

ochracea, *Oxalea maculata*, 39

occ. *Heterodendron* to 8ft, *K. sedifolia* to

Cratystylis conocephala *Pycnostictus*
2ft, grey bush to 3ft, *A. vesicaria* to
seriatum 3 *Geijera linearifolia*

2ft, occ. ~~*Mypoporum*~~ to 5ft, scattered

small shrubs, including *Olearia* sp.

Sparse *Stipa* spp., much bare
ground.

4121.0 Turned left along fence.

125.0. Turned corner to right, following
fence.

128.0. Turned left along fence.

132.0 Angle in fence. Road cuts it off.

Kyaseris sp. P. 110a, *Apotropeis vittata*, *Geijera*

133.0. Slight rise with pale brown fine

nov. 39 sp. 1. *Mypoporum* ^{platycarpum} to 15ft.

sandy loam waving ^{open} mallee to 40ft +

Geijera nov. 32 sp. 1, *Geijera* nov. 40 sp. 1, *Gonimacra*
leading down to treeless flat. Both areas
australasiae, *Cratystylis conocephala*

with *K. sedifolia* + grey bush to 2ft,

Beflessia sp. 3, *Typhala semieristata*

A. vesicaria to 18in, occ. *A. nummularia*

to 5ft, *Kochia* spp. + *Bassia* spp, bare

ground with lichens, a very little

Stipa sp. Chork

141.8. Passed through gate at obtuse
angle of fence, with road in from
left.

142.6 Turned left away from fence.

144.2 Back on fence.

145.0 Eyre Highway

146.5 Mallee to 25ft on slight rise.

Coryphochloa muricola, *Beylessia* sp. 3,
Pale brown soil with some stones.
Euphorbia quadrilobus, *Uromyza rugosa*,
Open *A. vesicaria* & *A. nummularia*,
Uromyza australasica, Genus nov. 41 sp. 1, Genus
patches of *Eremophila* sp. to 10ft (broom-
nov. 32 sp. 1, *Psychotritus* sp. 2, Genus nov. 95
like, with mauve flowers), & of *Dodonaea*
ochracea, *Apocynum uittata*
sp. to 6ft., *Elearia* sp. to 1ft scattered
about, especially under trees. *Stipa*
spp. in open. Patches bare ground, much
litter under trees. *Beylessia*, Genus
nov 95 *ochracea*, *Typhaya*.

145.0 Balladonia H/S.

167.5 Balladonia Motel.

(12/10)

41

4296.3 Norseman P.O.

4300.5 Ridge crest leading to
Genus nov. 48 sp. 2, *Microlobia* badia, Genus
rocky knoll (red granite?); brown loam;
nov. 46 sp. 1 (j.), to 15' Genus nov. 95 ochracea,
scattered mallee at base with low
Austroicetes frater (?) (j.)
frs (*Bassia* sp.), *A. VESICARIA* + *MYOPORUM*
sp. leading to *T. icidea* + low *CASUARINA*
sp. higher up slope; — bare rock outcrops
higher

4310.5 Mallee incl. gimlet to 20'; flat;
Apotropis vittata, Genus nov. 46 sp. 1, *Sonchaceae*
brown soil; *A. VESICARIA*, GREY BUSH, odd
austr. *laevis*, Genus nov. 43 sp. 3, indet. (j.)
MYOPORUM sp. + *MELALEUCA* sp.; last from 2'
to 10'; patches of bare ground with litter
under mallee

4327.8 flat, brown soil; mallee to
Genus nov. 43 sp. 3, Genus nov. 44 sp. 1,
15' + regrowth areas; grove of tall trees to
Apotropis vittata
40'; some *TRIPLEX VESICARIA*; GREY BUSH;
MYOPORUM sp.; scattered small shrubs;
bare ground but more frequently covered with
thick leaf litter; common

4338.9 dif.; brown soil; bare patches; leaf
Chorizandra to 15' *ternstroemia*,
litter, thick mallee; *A. VESICARIA*, GREY BUSH
Macrolophosia sp. (j.)

Myoporum sp.; thick *MELALEUCA* sp. to 8'

~~4348.2~~ turn off to right to water

4351.7 flat dip; light brown sandy soil;
Gonimpha australasica
mallee to 15'; *A. RESICARIA*, occasional

A. NUMMULARIA, GREYBUSH, odd *Myoporum*

+ *MELALEUCA*

4357.4 Fraser Range grid

4359.9 2nd Fraser Range grid

4360.4 turned off to right

(13718)

4362.1 Camp — just over summit of
Urnisa guttulosa, *Chortocistus terminifera*
range; flat with *STIPA* sp. + *DANTHONIA* sp.;
Austrocyathus cruciata, *Pycnostictus seriatus*,
scattered *PODOPHYLLUM* sp. to 2'6" running to
Corymbia var. *varicosa*, *Tapeata carmichaelii*,
Eucalypt woodland to 40'; steep rocky
cliffs nos. 43 sp. 3

rocky granitic outcrop with scattered

grasses, low shrubs + occasional trees to

20' — *CHORTOCISTUS*

13/10

4362.1 Collyer at camp

4362.9 Rejoined hwy.

4363.6 Grid

4370.4 Grid

4370.7 Open red soil lowland with dense
Austrocyathus anida, *A. cruciata*, *Pycnostictus*
patches of *Tridax*, *EREMOPHYLLA* + scattered
seriatus, *Urnisa guttulosa*, Genus nov. 48 sp. 2

Tapeta canescens, *Apotropis vittata*,
Grewia nov. 46 sp. 1, *Myoporum* to 5' 43

A. VESICARIA & GREY to 3'; bordered by
Macrolophia sp., *Chortorichtes terminifera*,
mallee with A. VESICARIA & greybush

4376.7 Creek - 1st ref. point on Balladonia
sheet

4384.8 turned off to Newman Rock

4385.5 Newman Rock - extensive areas
Urnisa guttulosa, *Pycnostictus sinatus*,
of bare granite; elsewhere thin granite
Grewia nov. 95 sp. 1, Grewia nov. 48 sp. 2
sod. with very low grasses & forbs, occasional

Acacia sp. & white flowering shrub to 5' &
odd beeches to 25'

4386.2 regined hwy.

4397.8 low mallee to 15'; red-brown soil
Grewia nov. 48 sp. 2, Grewia nov. 46 sp. 1, *Goniodia*
thick cover of low bushes to 3', grey bush, *FRIOIDES*
australasiae, *Microla badia*.
'Q' MERRIBEE seen associated with low

DODONAEA SP.

4414.9 Flat; mallee to 20' light brown
Monistria sp. 2, *Boplessia* sp. 3, *Goniodia*
soil; old mallee to 10'; scattered *ATRIPLEX*
australasiae
VESICARIA & A. NUMMULARIA; greybush; various
low shrubs to 1'; mainly bare ground with
thin litter

4417.2 Balladonia Motel
Coryphostes muricola

4426.4 Saltbush Greybush plain
Gomala australasica, *Bupleissia* sp. 3.
 (some myoporum to 4') bordered by fairly
rephantus quadribatus, *Apotropis vittata*,
 open mallee with bare ground & some litter
 Genus nov. 32 sp. 1, *Urnsa rugosa*
 & occasional low shrubs — F.A. MORABIN

4434.4 Balladonia H.S.

4435.1 Rejoined hwy. from H.S.

4442.3 Turned left at repeater station
 note Track

4443.8 end of track

CAMP ~~4443.8~~ Genus nov. 39 sp. 1, *rephantus quadribatus*

4444.1 Ridge top; light brown soil, large

~~4444.1~~ *Comphistes variegata*, *Urnsa guttulosa*,
 areas of bare ground & patches of small
 Genus nov. 40 sp. 1, *Bupleissia* sp. 3, *Quahita maculata*,
 stones; STIPA; *A. VESICARIA*, *A. NUMMULARIA*;
Pycnostichus sp. 2, Genus nov. 95 ochracea, *Pycnostichus*
MYOPORUM SHRUBS & OOD M. DESERTI & MALLEE

14/10 *seriatus*, Genus nov. 32 sp. 1, *Typpaya*

4445.5 rejoined hwy. *semieristata*

4456.5 flat just beyond extensive saltbush

Genus nov. 32 sp. 1, *Urnsa rugosa*; Genus nov. 95
 area; light brown soil; scattered mallee,
 ochracea, *Gomala australasica*, *Bupleissia*
 to 25'. *MYOPORUM*, *A. VESICARIA*, *A. NUMMULARIA*,
 sp. 3, *Pardillana* sp. 11, *Apotropis vittata*
 greybush; large areas of bare ground; litter in
 patches; some STIPA

4468.0 Small saltbush plain, *A. VESICARIA*,
Pardillana sp. 11, *Bupleissia* sp. 3, *Chortoides*
A. NUMMULARIA, *KOCHIA BEDIFOLIA*, GREYBUSH,
herminifera, *Urnsa guttulosa*, Genus nov. 40 sp. 1

SAMPHIRE, BASSIA; SCATTERED MALLEE & MYOPORUM

small areas of bare ground & litter

4478.5 Small saltbush, bluebush, STIPA
Psychotrius sp. 2, *P. senatus*, *Gnaphalium* sp. 95
 light brown soil flat bordered by fairly
 ochracea, *Typa* *semicristata*
 open mallee to 20'; *A. VESICARIA*, *A. NUMMULARIA*,
K. SEDIFOLIA + scattered GREYBUSH, SAMPHIRE,
 & MYOPORUM

4482.7 390' trig

4491.9 small pocket of mallee in
Psychotrius sp. 2
 extensive STIPA covered claypan;
 included MYOPORUM, *A. VESICARIA*, *A. NUMMULARIA*

4493.3 370' trig

4502.2 turned off to shed tank

4502.5 Shed tank; STIPA plain with
 scattered mallee + samphire; odd

ATRIPLAX — F.A. — B.N.I. collecting conditions

4502.9 Rejoined hwy.

4514.3 Scattered mallee ^{to 12'} in STIPA plain;
Psychotrius sp. 2
 some low MYOPORUM & SAMPHIRE; some bareish
 stony patches

4525.1 Open mallee ^{to 15'} & STIPA — *EREMOPHYLLA*

Pycnostictus sp. 2, *Apotropis vittata*, some areas of small stones; thin litter genus nov. 95 ochracea, *Coryphistes ruficola* under mallee; *A. VESICARIA* & Greybush with *Coniaca australis*, Genus nov. 32 sp. 1 other small shrubs.

4535.1 *Caiguna* Motel.

4536.5 Open mallee to 15'; pale sandy *Beplessia* sp. 3, *Urnisa guttulosa*, *U. rugosa*, Genus *A. VESICARIA*, *A. NUMMULARIA*, greybush, Genus nov. 32 sp. 1, *Terpaya semicristata*, *Melaleuca*, *EREMOPHILA* to 10' small *Pycnostictus* sp. 2, *P. seriatus*, Genus nov. 95 *Microrum* shrubs, some dense STPA broken by ochracea. areas of bare ground or patches of small stones.

4549.2 turned right off hwy.

4549.5 (Camp) open STPA plain leading down to *Coryphistes ruficola*, *Beplessia* sp. 3, *A. VESICULARIA*, Samphire, Greybush, *Stipa Austroicetes tenuifera*, *Urnisa guttulosa*, covered claypan; clump of dead & regrowth *Acrotopus thalassinus*, Genus nov. 41 sp. 1, mallee, *eremophila*, *Stipa* with patches of bare Genus nov. 32 sp. 1, *Apotropis vittata*, *Pycnostictus* light stony ground sp. 2, Genus nov. 95 ochracea, *Austroicetes pusilla*

4549.8 Rejoined hwy.

4559.5 STPA + *DANTHONIA* plain; scattered *Beplessia* sp. 3, *Pycnostictus* sp. 2, *P. seriatus*, mallee (many dead or showing regrowth); Genus nov. 95 ochracea, *Austroicetes nullarborensis*, odd greybush & samphire; scattered *Terpaya semicristata*, Genus nov. 32 sp. 1 patches of banish ground

Genus nov. 32 sp. 1,

Urnsa guttulosa, *Bupleosia* ⁴⁷ sp. 3,

4569.2 *Stipa* covered slight rise; widely
Genus nov. 95 ochracea, *Pycnostichus senatus*
scattered *Myoporum* to 6'; *Bassia* & *Mallee*

4576.7 Cocklebridge

4585.0 Margin between *Stipa* plain &
Pycnostichus senatus, P. sp. 2, Genus nov. 95
mallee rise — plain: *Stipa* with scattered
ochracea, Genus nov. 32 sp. 1

bluebush, greybush, samphire & *Bassia* —
mallee: to 12'; pale brown soil thin litter,

largely bare soil, low bushes to 2'

Urnsa guttulosa, Genus nov. 32 sp. 1,

4596.8 Ridge top; mallee to 12'; thick litter
Apotopis vittata, *Moristina discrepans*, Genus
bare sparsely areas; sparse *Stipa*; many low
nov. 95 ochracea, *Coryphostes runcola*
shrubs to 2'; no saltbush or greybush

4604.2 Turn off to Moanera

4606.2 Moanera Tank

Moraine sp. P 180, *Typaga semicristata*

4607.5 Just below rise; scattered myall
Apotopis vittata, *Urnsa guttulosa*, Genus
& mallee + *Stipa* plains. *A. vesicaria*, *A.*
nov. 41 sp. 1, Genus nov. 95 ochracea, Genus nov.
rammularia, Greybush, *Myoporum* & other low
32 sp. 1, *Moraine* sp. P 33.
shrubs to 3'

4627.5 ridge with some small rock
Genus nov. 41 sp. 1, Genus nov. 32 sp. 1
outcropping through thin skeletal soil;

mallee, myall, *Stipa*, greybush, *A. vesicaria*,
A. rammularia; light litter; no *Coryphostoides*

4633.2

~~4463.2~~ Madura.

4639.0 Turned left up gravel pit road

16/10

4639.4 Camp — gully in scarp; thin
~~43/10~~ *Urnsia guttulosa*, *Chrostocetes hemisphaera*,
 skeletal soil; *Stipa*, *Danthonia*, *A. vesicaria*,
Beflessia sp. 3, *Pycnostictus* sp. 2, Genus nov. 32
 Extended to 12' in gully; scattered myall
 sp. 1
Genus; *Bassia*

4639.8 Rejoined hwy.

4645.6 = 4633.2 Madura

4651.3 = 4639.0 turned left up gravel pit road

4651.8 = 4639.8 rejoined hwy.

Beflessia sp. 3, *Typaya semieristata*,
 4668.2 *Stipa* grassland with *A. vesicaria*,
 Genus nov. 32 sp. 1, *Austroicetes pusilla*,
 greyish *Bassia* + scattered myall to 12'
Pycnostictus sp. 2, Genus nov. 95 *Ochracea*
 + *Melaleuca*

4675.6 Turned off to shell tank

4676.2 Rejoined hwy.

4683.6 Small myall patch in *Stipa* plain;
 Genus nov. 32 sp. 1, Genus nov. 95 *Ochracea*,
A. vesicaria, *A. humulifolia*, *K. setifolia*,
Paspalia sp. 10 (f.)
Bassia; bare patches among myalls

4696.3 Turned off to Mundrabilla H.S.

4698.6 Mundrabilla H.S.

4699.1 Top of scarp; took R/H track; signpost
 "Forrest"

4699.3 Close to top of scarp; areas of bare
limestone + stones to 2'; extensive *Stipa*
Genus nov. 32 sp. 1, Goniala australis,
Taraxacum semicristata
cover with patches of small stone; scattered

Euc. sp. to 12, *Melaleuca*, *Atriplex sp. to*
8", *Bassia*; odd *Blackburnia* & *A. nummularia*

4701.6 Tank

4703.6 Rejoined by top road

4704.2 Turn off to right

4706.3 fence; straight thro'
Genus nov. 95 ochracea, *Genus nov. 32*

4709.2 slight rise between *Stipa* covered
sp. 1, *Austroicetes pusilla*, *B. plessia sp. 3*, *Urtica*
claypans; scattered up to 10'; *A. verrucosa*,
guttulosa, *Genus nov. 41 sp. 1*, *Paspalum sp. 10*,
A. nummularia, *Bassia*; heavy *Stipa* cover
Achyras sp. P33

but patches of bare or slightly stony ground

4713.8 fence - ~~thru~~ & thro' gate into yard

4714.0 boundary fence; thro' gate & straight
ahead; track off to R. & L.

17/10 (camp) *B. plessia sp. 3*, *Genus nov. 41 sp. 1*,

4719.9 slight rise between claypans; dense
~~thru~~ *Genus nov. 32 sp. 1*, *Genus nov. 40 sp. 1*,

Stipa-Danthonia cover; odd scattered *Euc.*
& *M. deserti* *Tapesta carneipes*, *Apotropis*
to 12'; clay patches bare or with light
vitata, *Bufo* sp. 6

cover of *Bassia* & *Atriplex sp. to 6"*;

4724.8 old tank

4738.5 slight rise; heavy clay; limestone
 Genus nov. 32 sp. 1, *Buphonia* sp. 3
 stones to 18"; scattered myall, *Stipa*,
Danthonia, *Bassia*, *K. sedifolia*; small
Atriplex on heavier clay.

4733.8 Bench mark tin

4739.1 Grass covered plain, mainly
Apotropis villosa, Genus nov. 32 sp. 1, Genus
Danthonia; *K. sedifolia* & *A. vesicaria*
 nov. 40 sp. 1
 to 2'; *Bassia*; large areas of bare
 ground with few stones

4743.7 Track off to left

4749.0 *Stipa* - *Danthonia* plain; *K. sedifolia*
 Genus nov. 32 sp. 1, Genus 40 sp. 1,
 to 2'; *A. vesicaria* to 18"; *Bassia*; some
Achillea sp. P33
 areas of bare ground & bare limestone;
 small composites

4755.7 Trig (T 112) ~~500'~~

4756.1 Look's & Survey Mapping Point 500'

4757.3 Rejoined by track from left

4764.2 Claypan; thick *Bassia* with
Grevillea
 scattered *Stipa* & *Danthonia*; large clumps
nematophylla F. Muell. var. *pinnatisecta* C.A. Gardner
 of *Hakea* (?) sp. (see plant press) to 6';
 widely scattered *Eremophila* to 10'; F.A.

4766.8 *Stipa* - *Danthonia* grassland;
 genus nov. 41 sp. 1, *Tapesta canripes*,
K. sedifolia, *A. vesicularia*, *Bessia* (all 42)
Austroicetes nullarborensis, *Beplessia* sp. 3,
 composites, etc; small areas of slightly
Coryphus ruficola, *Achurimima* sp. P33
 stony ground

4775.0 ^{to .4} Forrest P. O.

4780.0 *Stipa* + small *Bessia* - like
 genus nov. 32 sp. 1, genus nov. 41 sp. 1, *Dualtha*
 plant 12"; small patches of slightly
 maculata, *Tapesta canripes*
 stony ground

4789.3 ridge top; thin skeletal soil
 genus nov. 32 sp. 1, *Austroicetes nullarborensis*,
 extensive *Bessia* - like weed, *K. sedifolia*
Tapesta canripes, *Beplessia* sp. 3
 to 18", *Atriplex* sp. to 8"; light stony
 patches

4794.6 (55-) Road; turned S.

4796.2 Camp - shambles

4830.7 = 4796.2

^{18/10}
 4832.3 open *Stipa* plain + *Lepum*; widely
 scattered *Coryphus ruficola*
 scattered *Krenophila* to 8'; patches of bare
 like plant

4840.7 *Stipa* - Bluebush plain; small
Beplessia sp. 3, genus nov. 40 sp. 1,
 scattered clay patches; *Myoporum* to 5;
 genus nov. 32 sp. 1, *Achurimima* sp. P33
A. vesicularia

4852.2 Beginning of rise beyond claypan;
 Genus nov. 32 sp. 1, *Austroicetes*
 thick *Stipa* cover with *K. sedifolia* to
nullarborensis, *Pycnostictus sericeus*, *Achras minima*
 2'6" & *Bassia*; scattered *A. vesicaria*;
 sp. P33
 small patches of bare light clay with
 fine stones

4862.2 Very similar to previous but
 less clay apparent

4866.7 Cave
 Genus nov. 32 sp. 1, *Achras minima* sp. P33

4872.9 Same as 4862.2

4878.5 *Austroicetes* *guttulosa*, Genus nov. 32 sp. 1, Genus
 as before but no *Bassia*
 nov. 40 sp. 1

4882.3 Hughes - Eucla signpost

4884.8 *A. vesicaria* - *K. sedifolia* to 2'6"
Typha semicristata, *Austroicetes nullarborensis*
 equally abundant; *K. sp.* to 6"; *Stipa*;
 widely scattered myall.

4888.3 returned to rabbit guts

4888.5 guts = 4888.1

4889.5 (est.) old fence

4891.3 road in from right

4891.4 road in

4893.4 50 yds. into mallee beyond
Gomara australasica, *Austroicetes guttulosa*,
 treeless plain; mallee to 15'; *melaleuca*;
Monistria discrepans, Genus nov. 40 sp. 1,

Myosorum sp. & *Eremophila* sp. to 2'; *Carex*
hemispor. 32 sp. 1; *Utricularia* nos. 95 ochracea,
 stony ground or leaf litter in mallee;
Pycnostichus sp. 2, *P. seriatius*, *Austroicetes*
 bordered by thick cover of *Stipa* sp. on
mylaborensis
 plain

4894.2 road in from right

4899.3 ~~Exposed~~ Hay.

4899.5 to 4903.4 *Pycnostichus* sp. 2, *Qualitella*
 Motel *maculata*, *Utricularia guttulosa*,
Beplessia sp. 3

4904.0 ^(19/10) Scarf below motel; thin
Coryphistes ruficola, *Carex* nos. 95 ochracea,
 stony soil; low mallee to 10'; thick
Carex nos. 32 sp. 1, *Pycnostichus seriatius*
Stipa; *A. vesicaria*, *A. rumicolaria*;
 odd *Melaleuca*; scattered low bushes &
 shrubs to 2'6"

4904.6 Motel

4909.8 Mallee to 15'; no grasses; K
Pycnostichus seriatius, *Utricularia rugosa*,
sedifolia; *A. vesicaria*; *Eremophila* (blue
U. guttulosa
 tubular flower) on which 2 *Moralines* were
 seen

4922.0 As for previous stop; mallee or little
Monistria discrepans, *Utricularia rugosa*
 more open; no *Kochia* but *Corynebush* present

4928.7 Blowhole

4935.8 Tank

4934.8 Part way up rise; dense *Stipa*
pycnostichus seriatas, P. sp. 2, genus nov.
 26" but also patches of pale brown
 32 sp. 1, *Austroicetes pusilla*, genus nov. 75
 soil; scattered *Myall* & *Malva* to 12'
ochracea, *Urtica rugosa*
A. nummularia, *A. vericaria*; 1 or 2
 species of low herb

4939.9 Tank

4944.8 Blew hole

4957.5 slight depression in *Stipa*
Austroicetes pusilla, *A. m. harborensis*,
 plain; *K. sedifolia*; odd *A. vericaria*;
 genus nov. 41 sp. 1
 Samphire; *Bassia*; widely scattered
 myalls to 12'

4965.5 Turned off to Koonalda H.S.

4969.8 Koonalda

4974.0 = 4965.5 Rejoined hwy.

4983.0 Turned right along repeater
 station site No. 39 road.

20/10

4985.9 Repeater station — Camp —
Coryphistes muricola, genus nov. 41 sp. 1,
 grassland dominated by *Danthonia* but
Pycnostichus seriatas, P. sp. 2, *Urtica*
Stipa also present. extensive *McClurea* to 8'
guttulora, *Austroicetes pusilla*, *Urtica rugosa*,
 surrounded by bare earth or thin grass;
 genus nov. 39 sp. 1, genus nov. 32 sp. 1
 occasional *Myall* & *Excoecaria*.

4989.0 Rejoined hwy.

5041.5 turned off to N. on hwy. H.S.

5043.0 rejoined hwy.

5043.9 turned right off hwy.

5044.1 Stipa-Danthonia grassland;
scattered Oldubush, Samphire;
A. vesicaria; F.A.; 105° in cal + blowing
wind

5052.9 c no grasses; cliff top; variety
of shrubs, etc to 10"; included Bessia,
Samphire, A. vesiculana, Mess. Bryanthus
several grasshoppers seen but impossible
to collect because of prevailing wind
conditions; cal. temp. 108°

5061.9 = 5043.9 rejoined hwy.

5071.3 Grid

5079.1 Grid

5081.0 Top of rise, light pale soil;
Stipa-Danthonia; Bessia; A. triflora
to 18"; Samphire; 110°; B.N. collecting conditions

5081.6 Grid

5888.4 Inj Tanks motel

5897 Change into mallee - small
sandy dune country; note for future
ref.

5103.2 Undulating sand dunes; mallee
Beplessia sp. 2, *Apotropis vittata*, *Goniaca*
to 20' with odd myalls; greybush to 2' 6";
austroalasicae
Brassia; odd *H. vesicularis* & *Stipa* -
Danthonia

5105.5 Grid; border of Aboriginal
Reserve

5129.5 Mission Turn-off

5146.0 Turned off to Colona #5

5152.5 ridge along Colona track, pale
Coryphistes muricola, *Umisia guttulosa*, *U. rugosa*,
sandy soil; *Stipa* of varying density;
Drosera maculata, *Paspalum* sp. 9, *Apotropis*
Atriplex vesicularis to 18"; Greybush to
vittata; *Grass* nov. 95 ochracea, *Percyphites*
3; *Myoporum* to 4; myall & mallee to 20';
seriatum, *Tephrosia semilobata*, *Goniaca*
Stipa flamm back below ridge; *Cleome*
austroalasicae, *Proserpinaca* sp. P 127a.
to 1'; other low bushes

21/10
5157.5 Riparian lux.

5160.2 Reserve boundary

5168.6 Wheat land verge (30 yds) Mallee

to 25' — *Melaleuca* to 15'; scattered *A. typaya*, *semicristata*, *Aporopis vittata*, *vesiculana*; no grasses under trees; *Genus nov. 95 ochracea*, *Uruisa rugosa*, fairly thick *Bassia* - succulent - litter cover; *Stipa* round mounds; pale sandy soil

5171.0 Nundroo H.S.

5175.3 Turned right on Fowlers Bay Rd

5180.0 just below ridge; thick *Uruisa rugosa*, *Genus nov. 95 ochracea*, *Stipa* + clover-like grass; *Melaleuca* *Achras* sp. P33 bushes to 6'; *Moraline* associated with *Stipa*

5181.6 Cross roads; turned left

5185.2 Cross roads; straight ahead

5188.2 Part way up rise; thin sandy *Uruisa rugosa*, *Genus nov. 95 ochracea* soil; *Mallee* (18') — *Melaleuca* (12') thick *Stipa* cover with litter under mallee; scattered *A. vesiculana* to 1'; *semiphora* *moraline* seen associated with *Stipa*

5192.4 Fowlers Bay P.O.

5198.3 Undulating sand dunes; pale *Uruisa guttulosa*, *Proserpinaca* sp. P127a, very sandy soil; *mallee* — *Melaleuca* to 12'; *A. vesiculana*, *Bassia*,

+ other low shrubs; 1 more bene-
in melaleuca; 1 on dry moss

5202.1 road junction; turned right
"Glen Bence"

5267.0 over ridge crest; sandy soil
Urisa guttulosa, *U. rugosa*, *Apotripis oikata*,
but more loam than last stop; malacca
Bupleissia sp. 3, *Typaya semicristata*
to 20'; melaleuca to 15'; a little
Stipa, *A. vesicularia*, *Cassia*; low shrubs
to 8'

5211.8 Kyre Hwy.

5233.9 Penang

5245.8 Watrola turn. off to right

5247.6 rise; pale soil; malacca to 20';
— *Urisa* sp. 32 sp. 1, *Aspocleto cruciata*,
Perenophora from beach ferns to 15'; grasses
Urisa rugosa, *Coryphistes varicollis*,
A. vesicularia; *Stipa* - *Danthonia* in
Typaya semicristata
various density

5252.4 Cross roads

5271.7 turned right on Denial Bay Rd.

5272.3 River crossing

5273.6 Bay; T junction; turned right

5275.3 Cross roads; turned right to
Denial Bay Jetty

5276.4 Jetty; took track just PO along
bay

5278.3 Turned back

22/10

5280.7 Camp. — (22/10) sand dunes;
Typha semicristata, Proserpin. sp. P1276?
scattered mallee to 18'; greylush excoecaria
to 4'; scattered A. vesicular & other shrubs;
Melaleuca

Desert Bay

5282.7 Cross Roads; turned right

5288.5 Lype Hay.

5290.0 Ceduna

5290.8 left Ceduna

5323.3 Open mallee to 25'; odd Callitris to
12'; Urtica rugosa, Proserpin. sp. P1276
; Delonix; Excoecaria (more than 1 sp.);
Stipa & other grasses, mainly thin; mallee
associated with small Myoporum.

5323.4 Turn-off to farm house

5326.0 turn off to left to Cheringina

5331.3 major cross roads

5339.0 cross road

5341.1 open mallee to 25'; Callitris to 18';

Stipa, oats, & other grasses; very few scattered shrubs

5348.8 Winala

5355.6 Thicker mallee to 30' on sand
Typaya semicristata, *Revinimima asinus* (?)
 dune; *Melaleuca* to 15'; *Bassia*; & no
 grasses; low succulent (3"), odd shrubs
 to 18"

5357.5 Cross roads

5365.8 Streaky Bay turn-off

5375.0 Sandy soil; several grasses but
Uruisa rugosa, *Uruisa australasica*,
Stipa dominant; mallee to 18' with litter
Pardillana sp. 11 (j.), *Apotropis vittata*,
 layer of varying thickness beneath; areas
 moraine sp. (j.)
 of bare ground; *Melaleuca* sp.; *Myoporum*
 sp.

5377.6 Cross road; Poochera

5390.2 just below ridge crest; mallee
Uruisa nov. 48 sp. 2, *Uruisa* nov. 95 ochracea,
 to 15' broken by more open patches of
Uruisa rugosa, *Apotropis vittata*, *Proxifera*
Eremophila, low euc., *Tricorda* & low
 sp. P128.
 shrubs; 1 moraine taken on spinifex

5399.0 Minner

5401.2 very similar to previous stop but
Apotropis vittata, *Uruisa* nov. 48 sp. 2
 fewer shrub species

5409.6 Yarrinkie Rly Str.

5418.5 Pygmy (crossroads)

5420.6 strip between hwy. & mallee; wheat
Gomara australasica
on either side; red sandy loam; mallee
to 18'; *Amplex vesicularia* (!); greylush
to 12"; *Cassia*; other low bushes & shrubs;
very disturbed area

5422.2 Werdinwa Rly. Stn.

5430.4 Kyancuttia Silos

5430.6 turn-off to right

5431.2 Mallee to 20'; *Stipa* - Oats, etc
Urtica rugosa, *Typha* *semicarpata*,
surrounding trees; *Enemophila*, small
Pardillana sp. II, *Gomara australasica*
area of *Spinifex*

5443.5 turned back

5444.7 turned off onto old road

23/10
5445.5 Camp. — (23/10) — low (7') mallee

no growth along old road; higher mallee (12')
Leptospermum 48 sp. 2, *Coryphobos*, *ruicola* (j.)
further over but consisted solely of Mallee
& *melaleuca* on reddish sandy soil;
better conditions between old & new roads,
fewer *Melaleucas*, mallee still short but
greater variety in shrubs including *Triodia*
whiter sandy soil; ~~probably all~~ growth

5446.1 = 5444.7 rejoined heavy.

5453.7 Koonpawa School

5457.8 Warmanbo turn-off

5458.1 Ridge top with granitic rock
Genus nov. 48 sp. 2, *Urnisa rugosa*,
 autoerecting; open mallee to 15' + younger
Coryphosia runcicola (j.)
 regrowth; several species of lower shrubs

1' to 5'; *Stipa*, wild oats & other grasses

5469.6 Darke Peak 25 mi. turn-off

Vandiemenea viatica (456), *Prozifera* sp.

5472.7 Sand dune in crop fields - mallee
Genus nov. 35 sp. 1, *Genus* nov. 48 sp. 2,
 to 6'; low melaleuca-like bush to 5';
Urnisa rugosa, *U. guttulosa*, *Genus* nov. 95 sp. 1,
 ground cover shrub to 1' in which
Austroicetes andea *Dodonaea* sp.
 morabines were taken (see plant press)

5478.9 Darke Peak 22 mi. turn-off

5483.9 Wasikee 16 mi turn-off —
 (both to 10')

mallee - *Callitris*, strip left on top of sand
Urnisa rugosa
 ridge in cropped field; numerous small
 shrubs, including *Hakea* sp. & occasional
Tricoides

5489.7 Kimber Rwy. Bth. Crossing

5494.1 White sand ridge top; scattered
Urnisa guttulosa (j.)
 mallee & melaleuca; very large

spirifer turcks; several grasses; BNFA

5494.9 Cross roads

5500.5 Kelly Hall 10 mi. turn-off

5504.8 Ridge crest; reddish sandy loam;
to 18'

Mallee-melaleuca, only on L.H.S. of road;
Apotropis vittata, Chorizandra terminifera,
more variety (ie, small shrubs including
Urnisa guttata, Pycnostichus sp. 2, Caperrala
Atriplex sp., Greylush, Bassia) on road
sp. 1
nenges & R.H.S.

5514.5 (C) change into myall

5516.8 valley bottom; red sandy loam;
Lonicera australasiae, Onalitta
mallee to 28'; odd myalls; $\frac{1}{2}$ no grasses;
maculata, Caperrala sp. 1, Apotropis vittata,
odd A. vesicularia; Greylush abundant $\frac{1}{2}$
Peplisia sp. 2
to 3'; & 2 other low bushes; bare

ground or with litter cover; odd Calamia;
Melaleuca thickets to 12'; Bassia

5536.6 Turned right into farm dam

5536.8 Farm dam; scattered myall;
to 18'
Caperrala sp. 1, C. sp. 6, Cratichneumon sp. 2,
abundant blackbush; A. vesicularia;
Pycnostichus sericans
thin grasses; red sandy soil; Heterodendron
to 15'

5544.2 Turned off to Iron Knob

5546.5 Rejoined hwy.

5549.7 Myall strip on low ridge; red
Cupanassa testacea, *Peplonia* sp. 2,
 clay soil with patches of stones to 2"
Phaneroceros testudo, *Caperula* sp. 1
 diameter; *A. vesicaria*, *Kochia* + *Bassia*;

1 LFA taken

5556.5 turned left onto Wortoka Road

5557.8 turned back

5558.5 Camp — (24/10) — just over
Cupanassa testacea, *Onalitta maculata*
 ridge crest; open *A. vesicaria* + samphire;

red sandy soil; areas of bare stones

av. $\leq 3"$ running down to dry sandy

creek bed

24/10

5559.1 rejoined hwy.